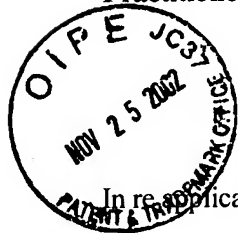


4

0410
11-26-02

Practitioner's Docket No. 38-21(52179)B

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Helen Allison, Xiaorong Feng, Joyce E. Fry, Tianci Hu, Fengming Lu, and Maxim Radionenko

Application No.: 10/064,849 Group No.: ~~Unknown~~ 1638
Filed: August 22, 2002 Examiner: ~~Unknown~~ Helmer
For: An Improved Efficiency Agrobacterium-Mediated Wheat Transformation Method

Confirmation No.: 3130

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

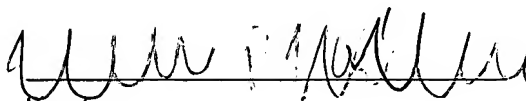
MAILING

X deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 20 Nov 2002

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.


Signature

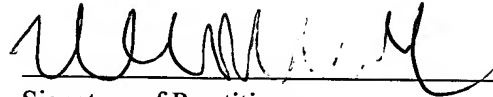
Thomas B. McBride
(type or print name of person certifying)

Practitioner's Docket No. 38-21(52179)B

before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

Date: 20 Nov 02

Reg. No.: 32706
Tel. No.: 636-737-7685
Fax No.: 636-737-6047
Customer No.: 27161

A handwritten signature in black ink, appearing to read 'Thomas P. McBride', written over a horizontal line.

Signature of Practitioner

Thomas P. McBride

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/064,849
Filing Date	08/22/2002
First Named Inventor	Helen Allison
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	38-21(52179)B

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	AMRHEIN ET AL, "Biochemical basis for glyphosate-tolerance in a bacterium and a plant tissue culture" FEBS Letters, Vol. 157 (1) p. 191-96, (1983).	
	C2	BORGHOUTS, C AND H.D. OSIEWACZ, "GRISEA, a copper-modulated transcription factor from Podospora anserina involved in senescence and morphogenesis, is an ortholog of MAC1 in Saccharomyces cerevisiae," Mol. Gen. Genet., Vol. 260 p. 492-502, (1998).	
	C3	BREGITZER, P ET AL, "Enhancement of plant regeneration from embryogenic callus of commercial barley cultivars," Plant Cell Reports, Vol. 17 p. 941-45, (1998).	
	C4	CASTILLO, A.M. ET AL, "Somatic embryogenesis and plant regeneration from barley cultivars grown in Spain," Plant Cell Reports, Vol. 17 p. 902-06, (1998).	
	C5	CHATFIELD, J.MARK AND DONALD J. ARMSTRONG, "Cytokinin oxidase from Phaseolus vulgaris callus tissues: Enhanced in vitro activity of the enzyme in the presence of copper-imidazole complexes," Plant Physiol., Vol. 84 p. 726-731, (1987).	
	C6	DAHLEEN, LYNN S., "Improved plant regeneration from barley callus cultures by increased copper levels," Plant Cell, Tissue and Organ Culture, Vol. 43 p. 267-69, (1995).	
	C7	GHAEMI, MARYANN ET AL, "The effects of silver nitrate, colchicine, cupric sulfate and genotype on the production of embryoids from anthers of tetraploid wheat (Triticum turgidum)," Plant Cell, Tissue and Organ Culture, Vol. 36 p. 355-59, (1994).	
	C8	HARE, P.D. AND J. VAN STADEN, "Cytokinin oxidase: biochemical features and physiological significance," Physiologia Plantarum, Vol. 91 p. 128-36, (1994).	
	C9	HARRISON, MARK D. ET AL, "Intracellular copper routing: the role of copper chaperones," TIBS 25 p. 29-32, (2000).	
	C10	KIM, H.K. ET AL, "Reduction of genotype limitation in wheat (Triticum aestivum L.) transformation," Abstract P-1021, Congress On In Vitro Biology, p. 43-A.	
	C11	MORARD, P. ET AL, "Kinetics of mineral nutrient uptake by Saponaria officinalis L. suspension cell cultures in different media," Plant Cell Reports, Vol. 18 p. 260-265, (1998).	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **2** of **2**

Complete if Known

Application Number	10/064,849
Filing Date	08/22/2002
First Named Inventor	Helen Allison
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	38-21(52179)B

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C12	MORILLO, ESMERALDA ET AL, "Adsorption of glyphosate on the clay mineral montmorillonite: effect of Cu(II) in solution and adsorbed on the mineral," Environ. Sci. Technol., Vol. 31 p. 3588-92, (1997).	
	C13	PURNAUSER, LASZLO AND GYULAI GABOR, "Effect of copper on shoot and root regeneration in wheat, triticale, rape and tobacco tissue cultures," Plant Cell, Tissue and Organ Culture, Vol. 35 p. 131-39, (1993).	
	C14	PURNAUSER, LASZLO, "Stimulation of shoot and root regeneration in wheat Triticum aestivum callus cultures by copper," Cereal Res. Communications, Vol. 19 (No. 4), p. 419-23, (1991).	
	C15	SHOOK, ANDY L. AND ARRON C. GUENZI, "Chapter II: Plant regeneration from wheat (Triticum aestivum L. cv Bobwhite) callus cultures improved by increasing copper concentration," Thesis, OK State University, p. 20-31, (1996).	
	C16	SMART ET AL, "Selective overproduction of 6-enol-Pyruvylshikimic acid 3-phosphate synthase in a plant cell culture which tolerates high doses of the herbicide glyphosate," J of Biological Chemistry, Vol. 260 (30) p. 16338-46, (1985).	
	C17	WOESTE, KEITH E. ET AL, "Factors regulating ethylene biosynthesis in etiolated Arabidopsis thaliana seedlings," Physiologia Plantarum, Vol. 105 p. 478-84, (1999).	
	C18	ZHANG, S. ET AL, "Genetic transformation of commercial cultivars of oat (Avena sativa L.) and barley (Hordeum vulgare L.) using in vitro shoot meristematic cultures derived from germinated seedlings," Plant Cell Reports, Vol. 18 p. 959-966, (1999).	
	C19	ZHOU, H. ET AL, "Glyphosate-tolerant CP4 and GOX genes as a selectable marker in wheat transformation," Plant Cell Reports, Vol. 15 p. 159-63, (1995).	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.